



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/718,187

11/20/2003

Douglas B. Macrae

GS-96 Cont.

9814

75563

7590

04/08/2009

ROPES & GRAY LLP

PATENT DOCKETING 39/361

1211 AVENUE OF THE AMERICAS

NEW YORK, NY 10036-8704

EXAMINER

SALCE, JASON P

ART UNIT

PAPER NUMBER

2421

MAIL DATE

DELIVERY MODE

04/08/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/718,187	Applicant(s) MACRAE ET AL.	
	Examiner Jason P. Salce	Art Unit 2421	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-18,20,37 and 38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6,8-18,20,37 and 38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 2/23/2009 has been entered.

Response to Arguments

Applicant's arguments with respect to claims 1-6, 8-18, 20 and 37-38 have been considered but are moot in view of the new ground(s) of rejection.

Election/Restrictions

This application contains claims 21-36 drawn to an invention nonelected without traverse in the reply filed on 9/28/2007. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01. This restriction requirement is FINAL.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-6, 8, 13-18, 20 and 37-38 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Shoff et al. (U.S. Patent No. 6,240,555).

Referring to claim 1, Shoff discloses a receiver for receiving a television signal including a television program and an address for a data site (**see Figure 2 for television set top box/receiver 26 and Figure 3 for receiving supplemental data with the television program in the form of an Internet data site address**), and information about the television program comprising a schedule of the television program (**see Column 4, Lines 35-41 and Column 5, Lines 6-11 for the television receiver further receiving EPG data transmitted from an EPG database**).

Shoff also discloses a decoder for extracting the address of the data site from the television signal (**see tuner 98 in Figure 5 and Column 8, Lines 4-14**).

Shoff also discloses a memory for storing the extracted address and information about the television program (**see memory 94 in Figure 5 and Column 8, Lines 35-41**).

Shoff also discloses a communication device in two-way communication with the data service provider (**see modem 100 in Figure 5 and Column 8, Lines 14-18**).

Shoff also discloses a user input device for receiving user input (**see remote control 30 in Figure 2**).

Shoff also discloses a microprocessor coupled to the memory and the communication device (**see processor 92 in Figure 5**) and configured to store data for an icon representative of the data site address (**see Column 5, Lines 41-43**) and superimposing the icon over the television program on a display device (**see Figure 8a for superimposing icon 204 over the television program**).

Shoff also discloses receiving a user selection of the icon from the user input device (**see step 164 in Figure 6**).

Shoff also discloses retrieving the data site address (**see Column 9, Line 60 through Column 10, Line 3 for retrieving digital data that allows the user to access the supplemental content defined by the data site address stored in the EPG table of Figure 3**) and the information about the television program from the memory in response to a user selection (**see Column 11, Lines 34-38 for further retrieving and displaying program guide information in addition to the retrieved web site data and television program in Figure 8b**).

Shoff also discloses controlling the communication device to retrieve data corresponding to the data site address from the data service provider in response to the user selection of the icon (**see Column 9, Line 30 through Column 11, Line 65 and steps 170-174 in Figure 6**).

Art Unit: 2421

Shoff also discloses a television monitor for simultaneously displaying the television program, the data from the service provider, and the information about the television program are displayed in three non-overlapping regions on the display screen **(see Figures 1, 8b and 8c and Column 10, Line 59 through Column 11, Line 44 for displaying all three pieces of information in three non-overlapping regions).**

Referring to claim 2, Shoff discloses that the data service provider is an Internet service provider **(see Column 7, Lines 26-35).**

Referring to claim 3, Shoff discloses that the icon includes a textual description of the data corresponding to the data site address **(see Column 5, Lines 34-48).**

Referring to claim 4, Shoff discloses that the microprocessor displays the icon substantially immediately after receiving the data site address **(see Figure 7).**

Referring to claim 5, Shoff discloses a PIP generator, wherein the television program is displayed in a PIP window simultaneously with the information representative of the data site address on the display device **(see Figures 1, 8b and 8c).**

Referring to claim 6, Shoff discloses that the data corresponding to the data site address is purchasing information **(see Figure 8c).**

Referring to claim 8, Shoff discloses that the decoder is a vertical blanking interval decoder (**see Column 10, Lines 28-30 and Column 2, Lines 32-37**).

Referring to claims 13-18 and 20, see the rejection of claims 1-6 and 8, respectively.

Referring to claim 37, Shoff discloses that the microprocessor is further configured to format the data retrieved from the data service provider to accommodate the simultaneous display of the television program, the data retrieved from the data service provider, and the information about the television program in three non-overlapping regions of a display screen (**see steps 180-182 in Figure 7 and Column 10, Lines 40-53 and Column 11, Lines 3-47 for displaying EPG data, website data and a television program on the television screen**).

Referring to claim 38, see the rejection of claim 37.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

Art Unit: 2421

invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shoff et al. (U.S. Patent No. 6,240,555) in view of Zavrel (U.S. Patent No. 5,812,930).

Referring to claim 9, Shoff discloses all of the limitation of claim 1, but fails to teach a portable device and wherein the microprocessor is configured to transmit the received data site address to the portable device for storage.

Zavrel discloses a portable device and a microprocessor that is configured to transmit the received data site address to the portable device for storage (**see Column 5, Lines 42-67**).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art, to modify the client equipment system, as taught by Shoff, using the portable device and communication equipment used to allow the portable device to communication with the viewer's television receiver equipment, as taught by Zavrel, for the purpose of providing a device that performs as a standard TV receiver with the additional of a few standard low cost integrated circuits (see Column 6, Lines 5-7 of Zavrel).

Claim 10 corresponds to claim 9, where Zavrel also discloses that the microprocessor transmits the received data site address to the portable device in a wireless manner (**see Column 5, Lines 41-54**).

Art Unit: 2421

Claim 11 corresponds to claim 9, where Zavrel also discloses that the portable device includes means for a two-way communication with the data site using the stored data site address (**see Column 5, Lines 55-67**).

Referring to claim 12, see the rejection of claim 10.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason P. Salce whose telephone number is (571) 272-7301. The examiner can normally be reached on M-F 9am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571) 272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2421

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason P Salce/
Primary Examiner, Art Unit 2421

Jason P Salce
Primary Examiner
Art Unit 2421

March 30, 2009